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To: John Lovell/R3/USEPA/US@EPA

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Subject: RE: WERF Study on Silver Nanoparticles

John,

This is an interesting bit of information. Based on our last phone conversation about the local limits, I was curious does US EPA consider this type of research and update the guidance and thresholds for use in local limits evaluation? I know we had discussed how effective the pretreatment program has been in preventing inhibition, so I was curious if this type of research was used when applicable. Thanks.

Deb

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-----Original Message-----

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Subject: WERF Study on Silver Nanoparticles

FYI -

Water Environment Research Foundation (WERF) studied the effects of silver nanoparticles on activated sludge and anaerobic digestion processes. Link includes information on results of study. Silver nanoparticles are now being used as an antibacterial agent in, among other things, clothing. The study suggests that the particles come out in the wash and in high enough concentrations can inhibit sewage treatment plant processes.

<http://www.werf.org/AM/Template.cfm?Section=Home&CONTENTID=17679&TEMPLATE=/CM/HTMLDisplay.cfm>

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